

Fiberglass Self-adhesive Geogrid

Description

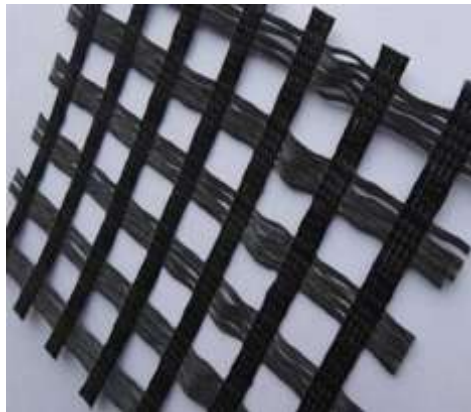
The geogrid is made by using fiberglass yarns to knit into a stable interlocking grid, then coated with modified asphalt self-adhesives. It is a kind of new favorable earthwork base materials to strengthen the road surface and roadbed. The geogrid can effectively improve the strength of subgrade, delaying reflection cracks in the soft soil roadbeds of road. It has excellent tensile strength, thermal stability, anti-corrosion, and low elongation. It can reinforce the road surface and prevent the road surface rut fatigue cracking and the cold-hot expansion crack and the reflection crack.

Features

- ◆ High vertical and horizontal tensile strength
- ◆ Low unit extension, high flexibility
- ◆ Resistance to chemicals, long service life
- ◆ Weathering resistance from UV degradation
- ◆ Resist to long term creep, scatter bearing stress, prevent roads from cracks and deformation
- ◆ Self-adhesive, convenient construction, low costs

Uses

Reinforcing new or old asphalt concrete roads and asphalt surface layer, semi-rigid base layer. Widly used for highway and roads construction.



Type and Specification

| Item | | Test | GGG30-30 | GGG50-50 | GGG80-80 | GGG100-100 | GGG150-150 | GGG200-200 | GGG260-260 |
|---------------------------------|----|-----------------------------------|----------|----------|----------|------------|------------|------------|------------|
| Ultimate tensile strength, KN/m | MD | EN ISO10139 | 30 | 50 | 80 | 100 | 150 | 200 | 260 |
| | CD | | 30 | 50 | 80 | 100 | 150 | 200 | 260 |
| Elongation at maximum load, % | MD | | ≤3 | | | | | | |
| | CD | | ≤3 | | | | | | |
| Low temperature resistance, °C | | -100-280 | | | | | | | |
| Approximate mesh size, mm | | 12.7 x 12.7, 25.4 x 25.4, 40 x 40 | | | | | | | |
| Length, m | | 50-200 | | | | | | | |
| Width, m | | 1-6 | | | | | | | |